

## Reaction of acyl isocyanates with pyridine

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### Abstract

The trichloroacetyl and trifluoroacetyl isocyanates react with pyridine to give N-(-pyridinocarbonyl)trichloro(trifluoro)acetyl amidates, while ditrichloro(trifluoro)acetylcarbodiimides are formed in the presence of 3-phenyl-1-ethyl-3-phospholene 1-oxide, which add to the C = N bond of pyridine on the type of 1,4-cycloaddition. © 1977 Plenum Publishing Corporation.

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